



#6

PTO/SB/08A (10-01)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

1

of

5

**Complete if Known**

Application Number

09/888,291

Filing Date

June 21, 2001

First Named Inventor

Gerald P. Roston

Art Unit

2837

Examiner Name

Bentsu Ro

Attorney Docket Number

IMM070A.RE

**U.S. PATENT DOCUMENTS**

Examiner	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
per writ Ro		3,220,121	11/30/1965	Cutler	
		3,517,446	6/30/1970	Corlyon et al.	
		3,623,064	<del>11/23/1970</del> 11/71	Kagan	
		3,903,614	9/9/1975	Diamond et al	
		3,911,416	<del>10/7/1995</del> 10/75	Feder	
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		5,766,016	6/16/1998	Sinclair	
		5,186,695	2/16/1993	Mangseth et al.	

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Sheet **2** of **5****Complete if Known**

Application Number	09/888,291
Filing Date	June 21, 2001
First Named Inventor	Gerald P. Roston
Art Unit	2837
Examiner Name	Bentsu Ro
Attorney Docket Number	IMM070A.RE

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		Number Kind Code <sup>2</sup> (if known)			
Ro		6,422,941	7/23/2002	Thomer et al.	
		4,464,117	8/7/1984	Forest	
		5,022,384	6/11/1991	Freels	
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		5,436,622	7/25/1995	Gutman et al.	

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	BW	EP	EP0349086		1/3/1990	Visser	

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**INFORMATION DISCLOSURE  
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Sheet 3 of 5**Complete if Known**

Application Number	09/888,291
Filing Date	June 21, 2001
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**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		BAIGRIE, "Electric Control Loading - A Low Cost, High Performance Alternative," Proceedings, pp. 247-254, November 6-8, 1990.
		IWATA, "Pen-based Haptic Virtual Environment," 0-7803-1363-1/93 IEEE, pp 287-292, 1993.
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		BROOKS et al., "Hand Controllers for Teleoperation - A State-of-the-Art Technology Survey and Evaluation," JPL Publication 85-11; NASA-CR-175890; N85-28559, pp. 1-84, 03/1/1985.
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4

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		KONTARINIS et al., "Display of High-Frequency Tactile Information to Teleoperators," Telemanipulator Technology and Space Telerobotics, Won S. Kim, Editor, Proc. SPIE Vol. 2057, pp. 40-50, Sep. 7-9, 1993.
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		BEJCZY et al., "A Laboratory Breadboard System For Dual-Arm Teleoperation," SOAR '89 Workshop, JSC, Houston, TX, July 25-27, 1989.
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